IN THE CLAIMS:

Please amend Claims 1-14 and 17-23 to read as follows. A marked-up copy of Claims 1-14 and 17-23, showing the changes made thereto, is attached. Note that all the claims currently pending in this application, including those not presently being amended, have been reproduced below for the Examiner's convenience. In keeping with the changes to 37 C.F.R. § 1.121 to implement the Patent Business Goals, the claims that are not presently being amended will not have a parenthetical expression following the claim number.

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1. (Amended) A data communication system comprising:

a connector, adapted to connect a data processing terminal to said data communication system;

an operation input unit, adapted to receive a manual designation manually inputted by an operator, said operation input unit being a part of said data communication system;

a data transmitter, adapted to transmit data based on the designation inputted by said operation input unit, the data being transmitted to an external data communication terminal via a line that does not include said connector; and

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2. (Amended) A data communication system according to claim 1, wherein said data transmitter transmits data based on

a second designation from the data processing terminal connected to said data communication system via said connector.

3. (Amended) A data communication system according to claim 1, wherein the transmission result information notified by said notification unit includes at least one of a transmission destination, a transmission time, and a number of transmission pages.

4. (Amended) A data communication system according to claim 1, wherein said notification unit notifies the data processing terminal of the transmission result information in accordance with a change in information to be notified.

5. (Amended) A data communication system according to claim 1, wherein said notification unit notifies the data processing terminal of information representing the data transmission upon completion of the data transmission performed by said data transmitter.

6. (Amended) A data communication system according to claim 1, wherein said notification unit notifies the data processing terminal of data transmitted by said data transmitter.

7. (Amended) A data communication system comprising:

a connector, adapted to connect a network that is connectable to a plurality of data processing terminals to said data communication system;

an operation input unit, adapted to receive a manual designation manually inputted by an operator, said operation input unit being a part of said data communication system;

a designation unit, adapted to designate an ID, representing a user on the network connected by said connector, from the manual designation inputted by way of an operation of said operation input unit;

a data transmitter, adapted to transmit data based on a designation inputted by said operation input unit in accordance with an ID designation performed by said designation unit, the data being transmitted to an external data communication terminal via a line that does not include said connector;

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a notification unit, adapted to notify the user on the network connected by said connector, via said connector, of information representing a data transmission performed by said data transmitter based on the designation inputted by said operation input unit and in accordance with the ID designation performed by said designation unit;

a determination unit, adapted to determine whether or not the ID is designated by said designation unit; and

a controller, adapted to control said notification unit in accordance with a determination result of said

determination unit.

8. (Amended) A data communication system according to claim 7, wherein said notification unit does not perform a notification process in an absence of an ID designated by said designation unit.

9. (Amended) A data communication system according to claim 7, wherein the ID designated by said designation unit is information representing a user on a network.

10. (Amended) A data communication system according to claim 7, wherein said data transmitter transmits data, based on the designated ID, from the data processing terminal connected to said data communication system via said connector.

11. (Amended) A data communication system according to claim 7, wherein the information notified by said notification unit includes at least one of a transmission destination, a transmission time, and a number of transmission pages.

12. (Amended) A data communication system according to claim 7, wherein said notification unit notifies the data processing terminal of the data transmitted by said data

transmitter.

13. (Twice Amended) A method of controlling a data processing terminal, connected via a connector to a data communication system for performing data communication with a destination, and of controlling the data communication system, said method comprising:

an input step, in which an operator manually inputs a destination, said input step being performed at an input unit that is a part of the data communication system;

a transmission step, in which data is transmitted based on the destination inputted in said input step, the data being transmitted to an external data communication terminal via a line that does not include the connector;

a reception step, in which communication result information representing a data communication performed in accordance with a manual operation inputted by the operator in said input step is received from the data communication system;

an instruction step of instructing the data communication system to communicate with the destination; and

a storage step of independently storing the communication result information received in said reception step and communication result information representing a data communication based on an instruction in said instruction step.

14. (Amended) A method according to claim 13, wherein information representing a user ID received in said reception step and the communication result information related to the data communication are stored in an area corresponding to the user ID in said storage step.

15. A method according to claim 13, wherein data transmitted by the data communication system is received in said reception step.

16. A method according to claim 13, wherein the communication result information received in said reception step includes at least one of a transmission destination, a transmission time, and a number of transmission pages.

17. (Twice Amended) A method of controlling a system that includes a data communication system for performing data communication with a destination and a data processing terminal for controlling the data communication system, said method comprising the steps of:

at the data communication system:

designating an ID based on a manual operation performed by a user using an operation input unit of the data communication system;

performing data communication with an external

data communication terminal in accordance with the ID designation; and

notifying the data processing terminal, via a connector connecting the data communication system and the data processing terminal, of communication result information representing the data communication with the external data communication terminal, and

at the data processing terminal:

instructing the data communication system to communicate with a destination;

receiving communication result information notified by the data communication system in said notifying step; and

independently storing the communication result information related to the data communication based on an instruction in said instructing step and communication result information received from the data communication system in said receiving step.

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18. (Amended) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a data processing terminal via a connector, the program comprising:

program code for an input step of receiving a designation manually inputted by an operator using an operation

unit that is part of the data communication system;

program code for a transmission step of transmitting data based on the designation manually inputted in said input step, the data being transmitted to an external data communication terminal via a line that does not include the connector; and

program code for a notification step of notifying the data processing terminal, via the connector, of transmission result information representing a data communication performed in the transmission step based on the designation manually inputted in the input step and in accordance with a change in state of the data communication system.

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19. (Amended) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a network that is connectable to a plurality of data processing terminals via a connector, the program comprising:

program code for an input step of receiving a designation manually inputted by an operator using an operation unit that is a part of the data communication system;

program code for a designation step of designating an ID, representing a user on the network connected by the connector, from the manually inputted designation;

program code for a transmission step of transmitting

data based on a designation manually inputted in the input step and in accordance with the ID designated in the designation step, the data being transmitted to an external data communication terminal via a line that does not include the connector;

program code for a notification step of notifying the user on the network connected by the connector, via the connector, of information representing a data communication performed in the transmission step based on the designation manually inputted in said input step and in accordance with the ID designated in the designation step;

program code for a determination step of determining whether an ID is designated in the designation step; and

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program code for a control step of controlling the notification step in accordance with a determination result of the determination step.

20. (Amended) A computer-readable storage medium storing a program for implementing via a connector a method for controlling a data processing terminal connected to a data communication system for performing data communication with a destination, and for controlling the data communication system, the program comprising:

program code for an input step, in which an operator manually inputs a designation, the input step being performed at an input unit that is a part of the data communication system;

program code for a transmission step, in which data is transmitted based on the designation inputted in the input step, the data being transmitted to an external data communication terminal via a line that does not include the connector;

program code for a reception step, in which is received communication result information representing a data communication performed by the data communication system based on the designation manually inputted by the operator in the input step from the data communication system;

program code for an instruction step, in which the data communication system is instructed to communicate with the destination by the data processing terminal; and

program code for a storage step, in which is independently stored the communication result information received in the reception step and communication result information representing the data communication based on an instruction in the instruction step.

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21. (Amended) A data communication system that communicates with an external device via a transmission path, and that communicates with a data processing terminal, comprising:

a signal path through which said data communication system communicates with the data processing terminal, said signal path being a path different from the transmission path;

an input section through which an operator manually inputs a designation to the data communication system;

a transmitter that, based upon the manually inputted designation, transmits data through the transmission path to the external device; and

a notifier which, because of a change in state of said data communication system, notifies the data processing terminal through said signal path of transmission result information corresponding to the data transmitted by said transmitter based upon the manually inputted designation.

22. (Amended) A method of controlling a data communication system that communicates with an external device and with a data processing terminal, said method comprising the steps of:

manually inputting a designation to the data communication system;

transmitting data to the external device, via a transmission path, based upon the manually inputted designation, said transmitting step producing a transmission result; and

notifying, as a consequence of a change in state of the data communication system and via a signal path that does not correspond to the transmission path, the data processing terminal of the transmission result.

23. (Amended) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system that communicates with an external device and a data processing terminal, the program comprising :

code for inputting a manual designation to the data communication system;

code for transmitting data to the external device, via a transmission path, based upon the inputted manual designation, the transmitting step producing a transmission result; and

code for notifying, as a consequence of a change in state of the data communication system and via a signal path that is not the transmission path, the data processing terminal of the transmission result.

REMARKS

This application has been reviewed in light of the Office Action dated July 17, 2000. Claims 1-23 remain pending in this application, with Claims 1-14 and 17-23 having been amended to define more clearly what Applicant regards as their invention, in terms that distinguish over the art of record. Claims 1, 7, 13, and 17-23 are in independent form. Favorable reconsideration is requested.

Claim 17 was rejected under 35 U.S.C. § 112, second paragraph, as being indefinite.